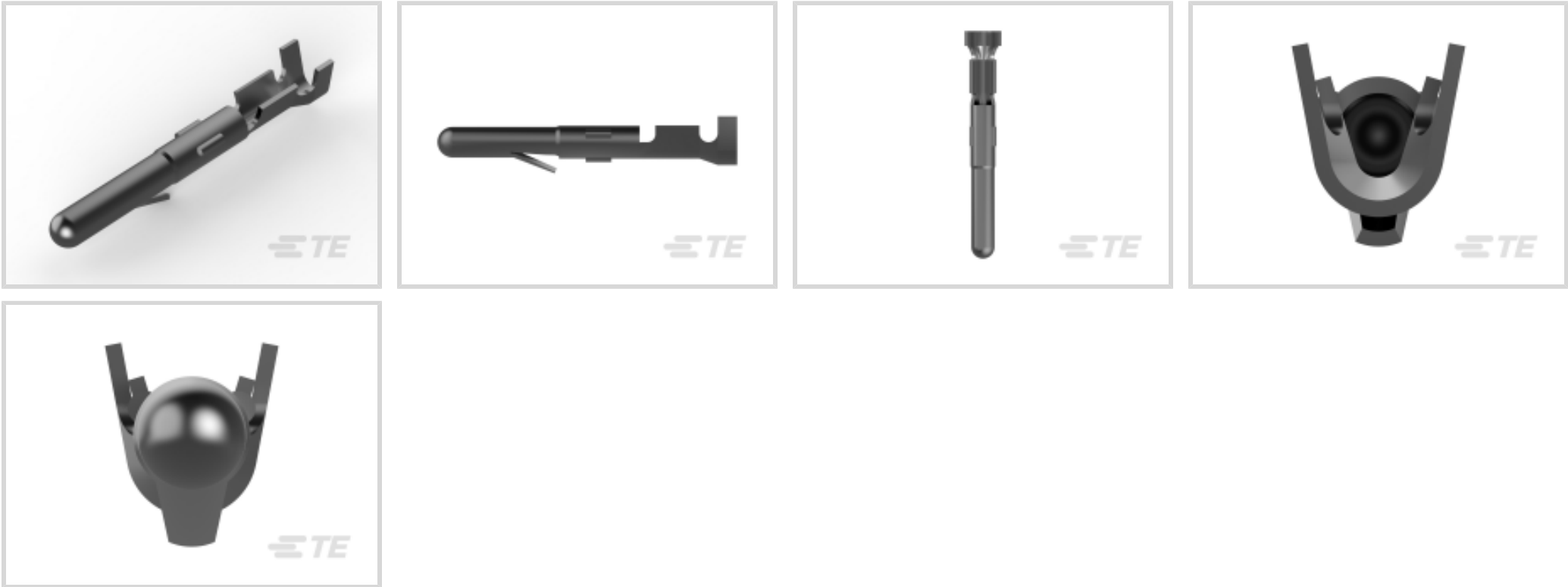




Connectors > Contacts > Connector Contacts



Contact Type: **Pin**
Contact Mating Area Plating Material: **Tin (Sn)**
Wire Contact Termination Area Plating Material: **Tin-Lead**
Contact Retention Within Housing: **With**
Contact Retention Type Within Housing: **Locking Lance**

Features

Product Type Features

Discrete Wire Type	Stranded
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Contact Features

Barrel Type	Open
Contact Type	Pin
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Tin-Lead
Contact Retention Within Housing	With
Contact Base Material	Brass
Mating Pin Diameter	2.1 mm[.082 in]
Contact Orientation	Straight

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Mechanical Attachment



Contact Retention Type Within Housing	Locking Lance
Wire Insulation Support	Without

Dimensions

Wire Size	.3 – .75 mm²
Compatible Insulation Diameter Range	1.4 – 2.4 mm[.055 – .095 in]

Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Quantity	4000
Packaging Method	Reel

Product Compliance

For compliance documentation, visit the product page on TE.com>

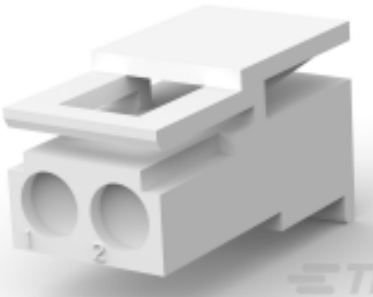
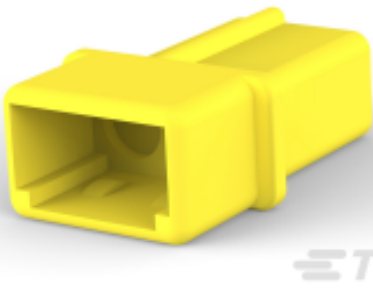
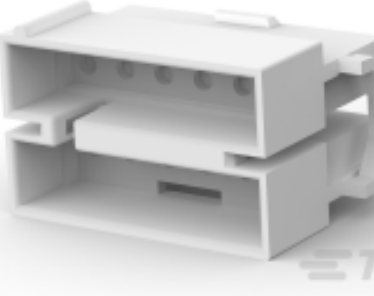
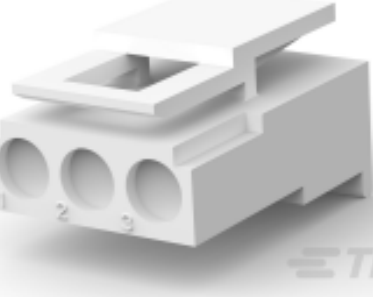
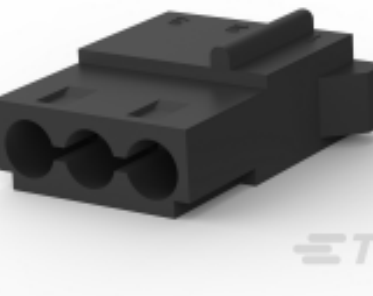
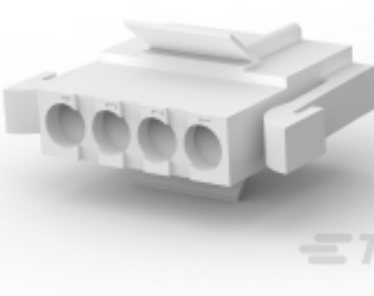
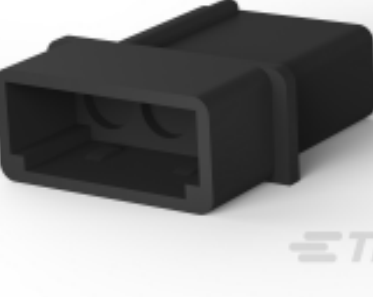
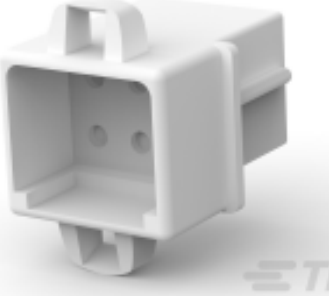
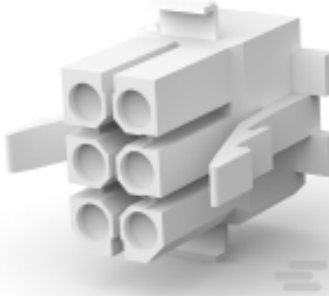
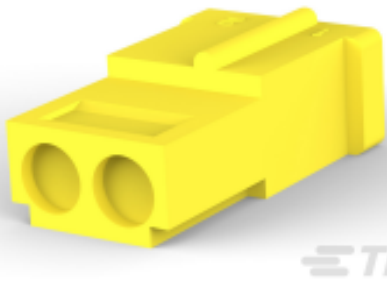
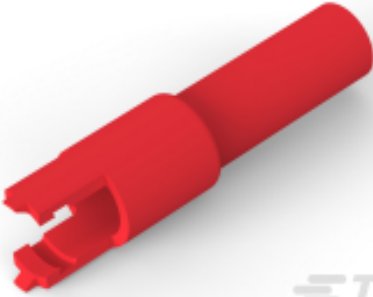
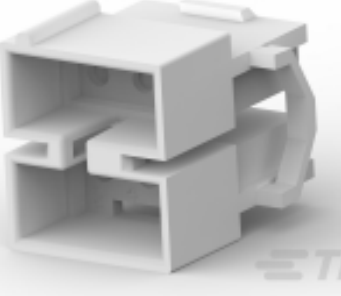
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) ‘Guidance on requirements for substances in articles’ posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>



Compatible Parts

 TE Part # 1-480349-6 01P CMNL PLUG HSG F/H BLU	 TE Part # 1-480720-0 02P CMNL PLUG HSG W/LOK NATL	 TE Part # 1-480319-4 02P CMNL CAP HSG F/H YELL	 TE Part # 1-480288-0 12P CMNL CAP HSG M/M NATL
 TE Part # 1-480498-1 02P CMNL CAP HSG F/H BLK	 TE Part # 1-480721-0 03P CMNL PLUG HSG W/LOK NATL	 TE Part # 1-480388-0 03P CMNL PLUG HSG F/H BLK	 TE Part # 1-480425-0 04P CMNL PLUG HSG P/M NATL
 TE Part # 1-480305-9 03P CMNL CAP HSG F/H BLK	 TE Part # 1-480276-0 06P CMNL CAP HSG P/M NATL	 TE Part # 171382-1 MNL PANEL MOUNT PLUG 6P	 TE Part # 1-480283-0 08P CMNL PLUG HSG M/M NATL
 TE Part # 171267-1 CIRCUIT HSG PLUG	 TE Part # 1-480318-4 02P CMNL PLUG HSG F/H YELL	 TE Part # 1-480351-2 01P CMNL CAP HSG RED	 TE Part # 1-480393-1 02P CMNL PLUG HSG F/H BLK
 TE Part # 1-480438-0 16P CMNL PLUG HSG M/M NATL	 TE Part # 1-480271-0 06P CMNL CAP HSG M/M NATL	 TE Part # 1-480319-9 02P CMNL CAP HSG F/H BLK	 TE Part # 465644-1 EXTRACTION TOOL

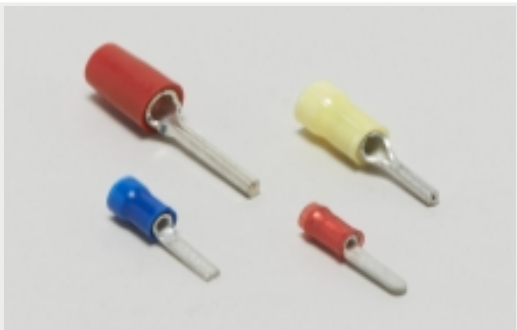
Also in the Series | Commercial MATE-N-LOK



Connector Contacts(150)



Connector Hardware(1)



Crimp Wire Pins, Tabs & Ferrules(2)



Power Contacts(146)



Rectangular Connector Housings(118)

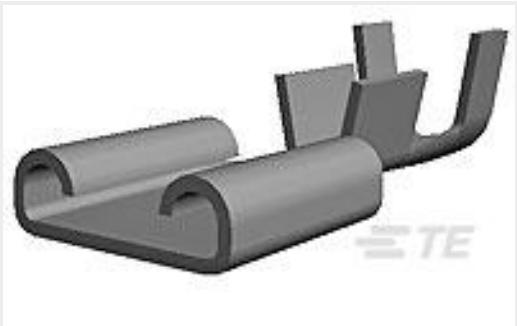


Rectangular Power Connectors(181)



Standard Circular Connectors(2)

Customers Also Bought



TE Part #42437-5
250 FASTON REC 14-10 AWG TPBZ



TE Part #150699-2
187 FASTON, FLAG, REC., 20-16 AWG, TPBR



TE Part #925075-7
4W CIRCULAR MATE-N-LOK PIN HSG NAT



TE Part #4-1601090-2
031-161-002= TAB, 2.0X.51, STDSMZ



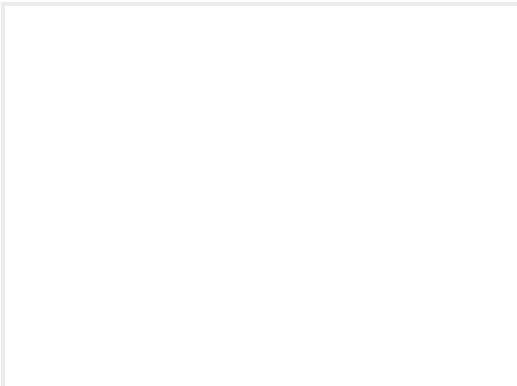
TE Part #1-1604210-1
UMNL BULKHEAD CONN, 6 POS



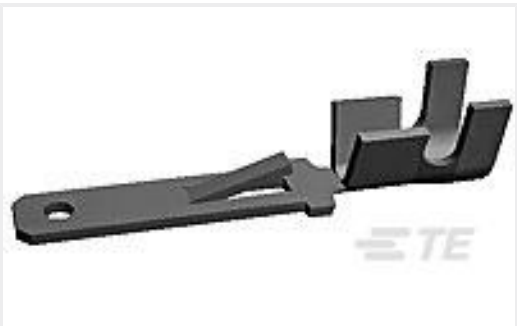
TE Part #1-1703061-3
PLUG, 2 CIRCUIT, UNIVERSAL MATE-N-LOK



TE Part #1903747-1
MINI UMNL GWT 2P PLUG HSG



TE Part #EQ08993001
FLDWC0311-24-9CK1500



TE Part #170058-2
FF 110 TAB 24-20AWG TPBR



TE Part #1-1718627-1
AMP MCP 2.8 HSG. 3POS., ASS'Y

Documents



Product Drawings

MATENLOK PIN

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_163555-6_B.3d_igs.zip

English

Customer View Model

ENG_CVM_163555-6_B.3d_stp.zip

English

Customer View Model

ENG_CVM_163555-6_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_163555-6_M.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_163555-6_M.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_163555-6_M.3d_stp.zip

English

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Product Specifications

Application Specification

English